



cgc
CERTIFICATE OF CORRECTION
U.S. Patent No.: 6,914,037
Attorney Docket No.: EP-7553-C1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:
Vincent J. GATTO

Patent No.: 6,914,037
Application No.: 10/689,071

Issued: July 5, 2005

For: MOLYBDENUM-CONTAINING
LUBRICANT ADDITIVE COMPOSITIONS
AND PROCESSES FOR MAKING AND
USING SAME

)
)
)
) Examiner: Ellen M. McAvoy
) Confirmation No.: 2821
) Art Unit: 1764
)
)
)

Certificate
MAR 03 2006
of Correction

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class U.S. Mail on February 24, 2006 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Beth Earnest
Beth Earnest

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION

Sir:

Applicant hereby requests that a Certificate of Correction be granted to correct errors identified on the enclosed Form PTO/SB/44. A copy of the Letters Patent is also enclosed with the errors highlighted for clarity and accuracy. The patent is not involved in an interference.

The errors by the inventor were without deceptive intent, and were only recognized as error after reading the issued patent, are of a clerical or typographical nature, and are of minor character. The errors do not occur in the claims and correction of said errors does not impact the scope of the claims.

Correction of these errors would not materially affect the scope or meaning of the patent, do not require reexamination, and do not constitute new matter. It is respectfully requested that the Certificate of Correction be granted.

CERTIFICATE OF CORRECTION

U.S. Patent No.: 6,914,037

Attorney Docket No.: EP-7553-C1

Fees

The \$100.00 fee (37 CFR 1.20(a)) for the correction should be charged to Deposit Account No. 05-1372. It is believed that there are no other fees associated with this filing. However, in the event the calculations are incorrect, the Commissioner is hereby authorized to charge any deficiencies or credit any overpayment in fees associated with this communication to Deposit Account No. 05-1372. A duplicate of this paper is enclosed.

Respectfully submitted,



Paige J. Thomson, Reg. No. 52,502

330 South Fourth Street
Richmond, VA 23233
Phone: 804-788-5496
FAX: 804-788-5519
E-Mail: Paige.Thomson@NewMarket.com

Date: **February 24, 2006**

Enclosures:
Form PTO/SB/44, "Certificate of Correction"
Copy of Letters Patent with corrections marked in red

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 1 of 1

PATENT NO. : 6,914,037

APPLICATION NO.: 10/689,071

ISSUE DATE : July 5, 2005

INVENTOR(S) : Vincent J. GATTO

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the first page, Assignee city is misspelled ("Eichmond"). The information for Assignee should read:

"(73) Assignee: Ethyl Corporation, Richmond, VA (US)"

MAILING ADDRESS OF SENDER (Please do not use customer number below):

330 South Fourth Street
Richmond, VA 23219

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



US006914037B2

(12) **United States Patent**
Gatto(10) Patent No.: **US 6,914,037 B2**
(45) Date of Patent: ***Jul. 5, 2005**(54) **MOLYBDENUM-CONTAINING LUBRICANT
ADDITIVE COMPOSITIONS AND
PROCESSES FOR MAKING AND USING
SAME**(75) Inventor: **Vincent J. Gatto, Midlothian, VA (US)**(73) Assignee: **Ethyl Corporation, ^RRichmond, VA
(US)**(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.This patent is subject to a terminal dis-
claimer.(21) Appl. No.: **10/689,071**(22) Filed: **Oct. 21, 2003**(65) **Prior Publication Data**

US 2004/0082486 A1 Apr. 29, 2004

Related U.S. Application Data(63) Continuation of application No. 10/067,768, filed on Feb. 8,
2002, now Pat. No. 6,645,921.(51) Int. Cl.⁷ **C10M 159/18; C07F 11/00**(52) U.S. Cl. **508/362; 508/367; 554/38;
556/57**(58) Field of Search **508/362**(56) **References Cited****U.S. PATENT DOCUMENTS**2,938,869 A 5/1960 Hugel
3,121,059 A 2/1964 DeYoung et al.4,164,473 A 8/1979 Coupland et al.
4,259,195 A 3/1981 King et al.
4,261,843 A 4/1981 King et al.
4,266,945 A 5/1981 Karn
4,692,256 A 9/1987 Umemura et al.
4,765,918 A 8/1988 Love et al.
4,889,647 A 12/1989 Rowan et al.
5,137,647 A 8/1992 Karol
5,412,130 A 5/1995 Karol
5,605,880 A 2/1997 Arai et al.
5,840,672 A 11/1998 Gatto
6,103,674 A 8/2000 Nalesnik et al.
6,174,842 B1 1/2001 Gatto et al.
RE37,363 E 9/2001 Gatto et al.
6,509,303 B1 * 1/2003 Gatto 508/362
6,645,921 B2 * 11/2003 Gatto 508/362**FOREIGN PATENT DOCUMENTS**EP 1 136 496 A1 9/2001
EP 1 136 497 A1 9/2001

* cited by examiner

Primary Examiner—Ellen M McAvoy(74) *Attorney, Agent, or Firm*—Dennis H. Rainear(57) **ABSTRACT**The invention relates to an improved process for producing
organomolybdenum compositions with high molybdenum
content that are highly useful as lubricant additives, in which
the process involves reacting a fatty oil with a diamine,
followed by reaction with a molybdenum source. The pro-
cess of the present invention does not require a volatile
organic solvent to promote molybdenum incorporation and
produces an organomolybdenum composition having a high
molybdenum content. In addition, the process can be con-
ducted in the absence of sulfur and phosphorus-containing
reactants.**25 Claims, No Drawings**